

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known	
			Application Number	10/631,179
Sheet 1 of 3			Filing Date	July 31, 2003
			First Named Inventor	Joseph H. McCarthy, Jr.
			Art Unit	2882
			Examiner Name	
			Attorney Docket Number	NCI 010 P2

U.S. PATENT DOCUMENTS					
Examiner Initials ⁵	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ACH		US- 2,265,108	12-02-1941	BERMAN	
ACH		US- 3,584,440	06-15-1971	VIGIL	
ACH		US- 4,019,983	04-26-1977	MANDT	
ACH		US- 4,136,565	01-30-1979	MIGRIN ET AL.	
ACH		US- 4,250,715	02-17-1981	RATLIFF	
ACH		US- 4,282,172	08-04-1981	MCKNIGHT	
ACH		US- 4,308,835	01-05-1982	ABBEY	
ACH		US- 4,367,194	01-04-1983	SCHENEWERK ET AL.	
ACH		US- 4,387,685	06-14-1983	ABBEY	
ACH		US- 4,471,907	09-18-1994	GERSTMANN	
ACH		US- 4,739,153	04-19-1988	RENDEL ET AL.	
ACH		US- 4,767,961	08-30-1988	KOLLER ET AL.	
ACH		US- 4,927,337	05-22-1990	LUSTWERK	
ACH		US- 4,954,321	09-04-1990	JENSEN	
ACH		US- 5,043,104	08-27-1991	STIRLING	
ACH		US- 5,085,809	02-04-1992	STIRLING	
ACH		US- 5,220,940	06-22-1993	PALMER	
ACH		US- 5,410,991	05-02-1995	BEAUDRY ET AL.	
ACH		US- 5,509,463	04-23-1996	CALLAWAY, SR. ET AL.	
ACH		US- 5,666,910	09-16-1997	GEORGE II ET AL.	

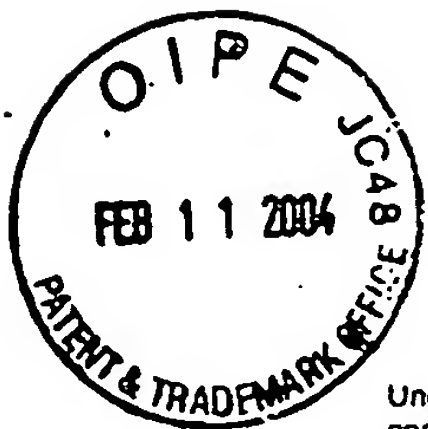
FOREIGN PATENT DOCUMENTS						
Examiner Initials ⁵	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
ACH		JP 4248414	09-03-1992	Tsukasa Sotsuken: KK		
ACH		WO 99/31441	06-24-1999	McKenney		

Examiner Signature	Allen C. Ho	Date Considered	23 Dec. 2004
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 If possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/631,179	
			Filing Date	July 31, 2003	
			First Named Inventor	Joseph H. McCarthy, Jr.	
			Art Unit	2882	
			Examiner Name		
Sheet	2	of	3	Attorney Docket Number	NCI 010 P2

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
ACH		US- 5,676,173	10-14-1997	CONRAD ET AL.	
ACH		US- 5,732,123	03-24-1998	PERALTA ET AL.	
ACH		US- 5,088,896	02-18-1992	NIELSON ET AL.	
ACH		US- 5,880,378	03-09-1999	BEHRING, II	
ACH		US- 5,890,880	04-06-1999	LUSTWERK	
ACH		US- 5,934,328	08-10-1999	CONRAD ET AL.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴ - Kind Code ⁵ (if known)			

Examiner Signature	Allen C. Ho	Date Considered	23 Dec 2004
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PTO/SB/08B (10-01)

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/631,179
		Filing Date	July 31, 2003
		First Named Inventor	Joseph H. McCarthy, Jr.
		Group Art Unit	2882
		Examiner Name	
Sheet 3 of 3		Attorney Docket Number	NCI 010 P2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
ACH		W. E. Anderson Duotech® Pressure Switches/Flotech® Pressure Switches/Midwest Sight Flow Indicators/Conductivity Controls Shoe Testers" Bulletin J-20, ©1997 Dwyer Instruments, Inc. printed in USA 6/97, Dwyer Instruments, Inc. 102 Highway 212, P.O. Box 373, Michigan City, IN 46361.	
ACH		"QuikPiks Gems Stock Products Catalog," Gems™ Sensors Catalog No. 600, pages 32 - 33 Gems Sensors, Inc., One Cowles Road, Plainville, CT 06062-1198 USA.	
ACH		"Lytron™ 1997 Catalog Total Thermal Solutions™," pages 12 - 15 and 26 - 29, Lytron, Inc 55 Dragon Court, Woburn, MA 01801 USA.	
ACH		"Product Guide," pages 1 and 14, 2/97, Comair Rotron, 2675 Customhouse Court, San Ysidro, CA 92173.	
ACH		GE Handout, "The Heart of the System Global Tube & Detector, Electric Avenue Manufacturing Operations," pages 1 - 9.	
ACH		Toboldt, William. "Chapter 15 Engine Cooling Systems," Automotive Encyclopedia, pages 189 - 207, Goodheart Willcox Co. 1995.	

Examiner Signature	Allen C. Ho	Date Considered	23 Dec 2004
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